RMATION DISCLOSUR (Use several sheets if neces.  DOCUMENT NUMBER	TRAPATE OF PARTY OF P	E PAT	Applicant(s) Manabu TAKEUC Filing Date 29 Oct 20 ENT DOCUMENTS NAME		Group Art Unit	PILING IP APPRO	
· · · · · · · · · · · · · · · · · · ·	\$ 55.00 V 8 2008	E PAT	Fling Date  29 Oct 20  ENT DOCUMENTS	03	7	FILING	
DOCUMENT NUMBER	FER 8 2005	E PAT	ent documents			FILING	
DOCUMENT NUMBER	PARTE OF	PAT	ent documents		SUBCLASS		
DOCUMENT NUMBER	* PROPERTY OF		NAME	CLASS	SUBCLASS		
		•					
				1			
			<del> </del>				
<del></del>							
			<del></del>				
C-For Ref -8							
		FOREIG	N PATENT DOCUMENT	rs		V 7	82
DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	lation NO
2002-314321	10/2002	Japan					8
2000-295039	20 Oct2000	Japan					<b>X</b> .
2000-295039	20 Oct 2000	Japan			<b>\</b>		8
	9/1997						X
U9-246683	19 Sep1997		4 5-7-50-00-00-00-00-00-00-00-00-00-00-00-00-			·	X
5-76(MR (in Jananasa)	IP 10/1002	OTHER	OCCUMENTS (Include	ing Author, Tide,	Date, Pertinent Pa	ges, Etc.)	
9-116049 (in Japanese 09-116049 (in English)	)JP 5/1997 JP 5/1997						
						<del></del>	
mm. Ode	what	<b>)</b>	DATE CONSIDERED	4-6-	6		•
	2002-314321 2000-295039 2000-295039 9-246682 09-246683  5-76048 (in Japanese) 9-116049 (in English) al if citation considered, whether	DOCUMENT NUMBER  2002-314321  10/2002  2000-295039  20 Oct 2000  9-246682  9/1997  99-246683  19 Sep1997  5-76048 (in Japanese) JP 10/1993 9-116049 (in Japanese) JP 5/1997 09-116049 (in English) JP 5/1997	DOCUMENT NUMBER   DATE	### POREIGN PATENT DOCUMENT    DOCUMENT NUMBER	### FOREIGN PATENT DOCUMENTS    DOCUMENT NUMBER	POREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  2002-314321  10/2002  Japan  2000-295039  20 Oct 2000  Japan  9-246682  9/1997  Japan  OTHER DOCUMENTS  (Including Author, Title, Date, Pertinent Path 16049) (in English) JP 5/1997  09-116049 (in English) JP 5/1997  DATE CONSIDERED  DATE CONSIDERED	### POREIGN PATENT DOCUMENTS    DOCUMENT NUMBER

Form PTO-A820 (also form PTO-1448)

PORA/REVO4

Patent and Trademark Office \*U.S. DEPARTMENT OF COMMERCE

,				Docket Number (Optional) MM4646		Application Number 10/697,632				
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Applicant(s) TAKEUCHI, et al					
					Filing Date October 29, 2003			Group Art Unit 2834		
	DC-	US Ref -1		U.S. PAT	ENT DOCUMENTS		18	2 8.25.06		
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	1	5998909	12/07/99	KUMASAKA, et al						
7 5)	N n	C 2 9 7005								
1	3									
	1	THE DELINE STATE OF THE STATE O								
					<del></del>	-				
Ι	DC-I	For Ref -2		FOREIG	N PATENT DOCUMENTS	<del></del>	1			
	REF	DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	Translation YES NO		
TINO		CN 1197549A	05/15/97	China (corresp. to US '909)			1			
TWN		JP 11251863	09/17/99	Japan w/Eng. Abs. & Trans.						
				7 F						
	DC-C	Other Ref -1		OTHER	OCUMENTS (Including)	luthor, Title, E	ate, Pertinent Pa	ges, Etc.)		
M	0	Office Action which is	sued in the corn	esponding C	hinese Patent Application	, citing abov	e references			
EXAMIN	14	mer M. Kfr	y ha	9	DATE CONSIDERED	-6-6				
XAMINEI	R: Initi	al if citation considered, whether	r not citation is	palerman	e with MPEP Section 609; D	raw line throu	gh citation if not	n conformance and po		